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04-Apr-15 10:30am From-Steubing, McGuiness & Manaras LLP

878 264 9118

T-686 P.012/020 F-424

FOR UTILITY/DESIGN

RULE 63 (37 C.F.R. 1)

PW

CIP/PCT NATIONAL/PLANT

DECLARATION AND POWER OF ATTORNEY

FORM

ORIGINAL/SUBSTITUTE/SUPPLEMENTAL
DECLARATIONS

FOR PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED METHOD AND APPARATUS FOR PERFORMING A RADIX SEARCH BY SELECTING ONE OF A VALID TABLE AND A TRANSITION TABLE

the specification of which (CHECK applicable BOX(ES))

A. is attached hereto.
 BOX(ES) → B. was filed on DECEMBER 22, 2000 as U.S. Application No. 09/742,290
 → C. was filed as PCT International Application No. PCT/ / on /
 and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign priority benefit under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventors certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

<u>PRIOR FOREIGN APPLICATION(S)</u>		<u>Date first Laid-open or Published</u>	<u>Date Patented or Granted</u>	<u>Priority NOT Claimed</u>
<u>Number</u>	<u>Country</u>			

If more prior foreign applications, X box at bottom and continue on attached page.

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

<u>PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)</u>		<u>Status</u>	<u>Priority NOT Claimed</u>
<u>Application No. (series code/serial no.)</u>	<u>Day/Month/Year Filed</u>		
		<u>pending, abandoned, patented</u>	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Winthrop LLP, Intellectual Property Group, telephone number (202) 861-3000 (to whom all communications are to be directed), and persons of that firm who are associated with USPTO Customer No. 809 (see below label) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete from that Customer No. names of persons no longer with their firm, to add new persons of their Firm to that Customer No., and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or an attorney of that Firm in writing to the contrary.



00909

(1) INVENTOR'S SIGNATURE:

Richard L. Modelske Date: 3/23/2001

Name	Richard	P.	MODELSKI
First	Middle Initial	Family Name	
Residence	Hollis	NH	USA
City	State/Foreign Country		
Mailing Address	Country of Citizenship		
(include Zip Code)	01821		

(2) INVENTOR'S SIGNATURE:

Michael J. Craren Date: 3/26/2001

Name	Michael	J.	CRAREN
First	Middle Initial	Family Name	
Residence	Holliston	MA	USA
City	State/Foreign Country		
Mailing Address	Country of Citizenship		
(include Zip Code)	01821		

FOR ADDITIONAL INVENTORS see attached page.

See additional foreign priorities on attached page (incorporated herein by reference).

Atty. Dkt. No. PW-270190

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DECLARATION AND POWER OF ATTORNEY

(continued)

ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Julian Titarin Date: *3/23/2001*

First	Middle Initial	Family Name
Residence	MA	USA
City		State/Foreign Country
Mailing Address (include Zip Code)	600 Technology Park 01821	

(4) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence	MA	USA
City		State/Foreign Country
Mailing Address (include Zip Code)	54 Fiske Road, Wellesley, MA 02481	

(5) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence	MA	USA
City		State/Foreign Country
Mailing Address (include Zip Code)	28 Muriel Road, Chelmsford, MA 01824	

(6) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence		
City		State/Foreign Country
Mailing Address (include Zip Code)		

(7) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence		
City		State/Foreign Country
Mailing Address (include Zip Code)		

(8) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence		
City		State/Foreign Country
Mailing Address (include Zip Code)		

(9) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence		
City		State/Foreign Country
Mailing Address (include Zip Code)		

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**DECLARATION AND POWER OF ATTORNEY
(continued)****ADDITIONAL INVENTORS:**

(3) INVENTOR'S SIGNATURE:

William Kristiansen

Date: 3/23/2001

	Adrian	M.	KRISTIANSEN
Residence	First Somerville	Middle Initial MA	Family Name USA
Mailing Address (include Zip Code)	City 600 Technology Park 01821	State/Foreign Country	Country of Citizenship

(4) INVENTOR'S SIGNATURE:

Richard L. Angle

Date: 4/14/01

	Richard	L.	ANGLE
Residence	First Wellesley	Middle Initial MA	Family Name USA
Mailing Address (include Zip Code)	City 54 Fiske Road, Wellesley, MA 02481	State/Foreign Country	Country of Citizenship

(5) INVENTOR'S SIGNATURE:

Date:

	Geoff	B.	LADWIG
Residence	First Chelmsford	Middle Initial MA	Family Name USA
Mailing Address (include Zip Code)	City 28 Muriel Road, Chelmsford, MA 01824	State/Foreign Country	Country of Citizenship

(6) INVENTOR'S SIGNATURE:

Date:

	First	Middle Initial	Family Name
Residence			
Mailing Address (include Zip Code)	City	State/Foreign Country	Country of Citizenship

(7) INVENTOR'S SIGNATURE:

Date:

	First	Middle Initial	Family Name
Residence			
Mailing Address (include Zip Code)	City	State/Foreign Country	Country of Citizenship

(8) INVENTOR'S SIGNATURE:

Date:

	First	Middle Initial	Family Name
Residence			
Mailing Address (include Zip Code)	City	State/Foreign Country	Country of Citizenship

(9) INVENTOR'S SIGNATURE:

Date:

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Residence			
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DECLARATION AND POWER OF ATTORNEY

(continued)

ADDITIONAL INVENTORS:**(3) INVENTOR'S SIGNATURE:***Adrian Kristiansen*Date: 3/23/2001

First	Middle Initial	Family Name
Residence	MA	USA
City	State/Foreign Country	
Mailing Address (include Zip Code)	600 Technology Park 01821	Country of Citizenship

(4) INVENTOR'S SIGNATURE:*Richard Angle*

Date:

First	Middle Initial	Family Name
Residence	MA	USA
City	State/Foreign Country	
Mailing Address (include Zip Code)	54 Fiske Road, Wellesley, MA 02481	Country of Citizenship

(5) INVENTOR'S SIGNATURE:*Geoff Dadwig*Date: 4/18/01

First	Middle Initial	Family Name
Residence	MA	USA
City	State/Foreign Country	
Mailing Address (include Zip Code)	28 Muriel Road, Chelmsford, MA 01824	Country of Citizenship

(6) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence		
City	State/Foreign Country	
Mailing Address (include Zip Code)		Country of Citizenship

(7) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence		
City	State/Foreign Country	
Mailing Address (include Zip Code)		Country of Citizenship

(8) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence		
City	State/Foreign Country	
Mailing Address (include Zip Code)		Country of Citizenship

(9) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence		
City	State/Foreign Country	
Mailing Address (include Zip Code)		Country of Citizenship

Please return signed/recorded to:
Pillsbury Winthrop LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-3918

Atty. Dkt. PMS 270190 NOR-13182 BA
M# Client Ref.

ASSIGNMENT
of U.S. Origin Patent Application

WHEREAS, the undersigned, to wit:

- | | |
|--------------------------|----------------------|
| 1) Richard P. MODELSKI | 2) Michael J. CRAREN |
| 3) Adrian M. KRISTIANSEN | 4) Richard L. ANGLE |
| 5) Geoff B. LADWIG | 6) |
| 7) | 8) |

(hereinafter collectively ASSIGNEE), has/have made an invention known as Dkt. NOR-13182 BA and entitled: METHOD AND APPARATUS FOR PERFORMING A RADIX SEARCH BY SELECTING ONE OF A VALID TABLE AND A TRANSITION TABLE

for which an application for Letters Patent of the United States

was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;
 was filed on December 22, 2000, Appln. No. 09/742,290 :

AND WHEREAS NORTEL NETWORKS, LTD.

(hereinafter ASSIGNEE), duly organized and existing under the laws of the State of CANADA
World Trade Center of Montreal, 380 St. Antoine
Street West, 8th Floor, Montreal, Quebec H2Y 3Y4,

and having its principal office and place of business at Canada
desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNEE, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNEE hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

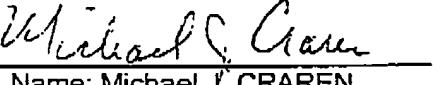
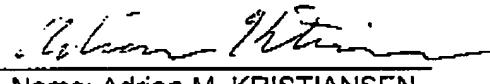
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AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

NOTE: The undersigned hereby authorizes Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

<u>Signature</u>	<u>Date Signed</u>	<u>Witness</u>
1)  Name: Richard P. MODELSKI	<u>3/23/2001</u>	_____
2)  Name: Michael J. CRAREN	<u>3/26/2001</u>	_____
3)  Name: Adrian M. KRISTIANSEN	<u>3/23/2001</u>	_____
4) _____ Name: Richard L. ANGLE	_____	_____
5) _____ Name: Geoff B. LADWIG	_____	_____
6) _____ Name:	_____	_____
7) _____ Name:	_____	_____
8) _____ Name:	_____	_____

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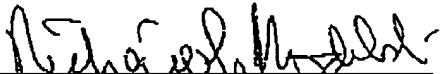
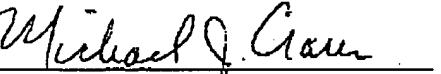
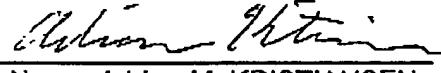
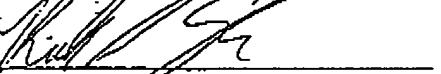
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AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

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3)  Name: Adrian M. KRISTIANSEN	<u>3/23/2001</u>	_____
4)  Name: Richard L. ANGLE	<u>4/18/01</u>	_____
5)	_____	_____
Name: Geoff B. LADWIG	_____	_____
6)	_____	_____
Name:	_____	_____
7)	_____	_____
Name:	_____	_____
8)	_____	_____
Name:	_____	_____

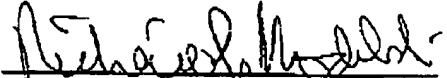
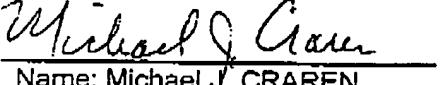
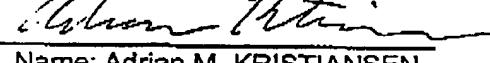
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4) _____ Name: Richard L. ANGLE	_____	_____
5)  Name: Geoff B. LADWIG	<u>4/18/01</u>	_____
6) _____ Name:	_____	_____
7) _____ Name:	_____	_____
8) _____ Name:	_____	_____

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